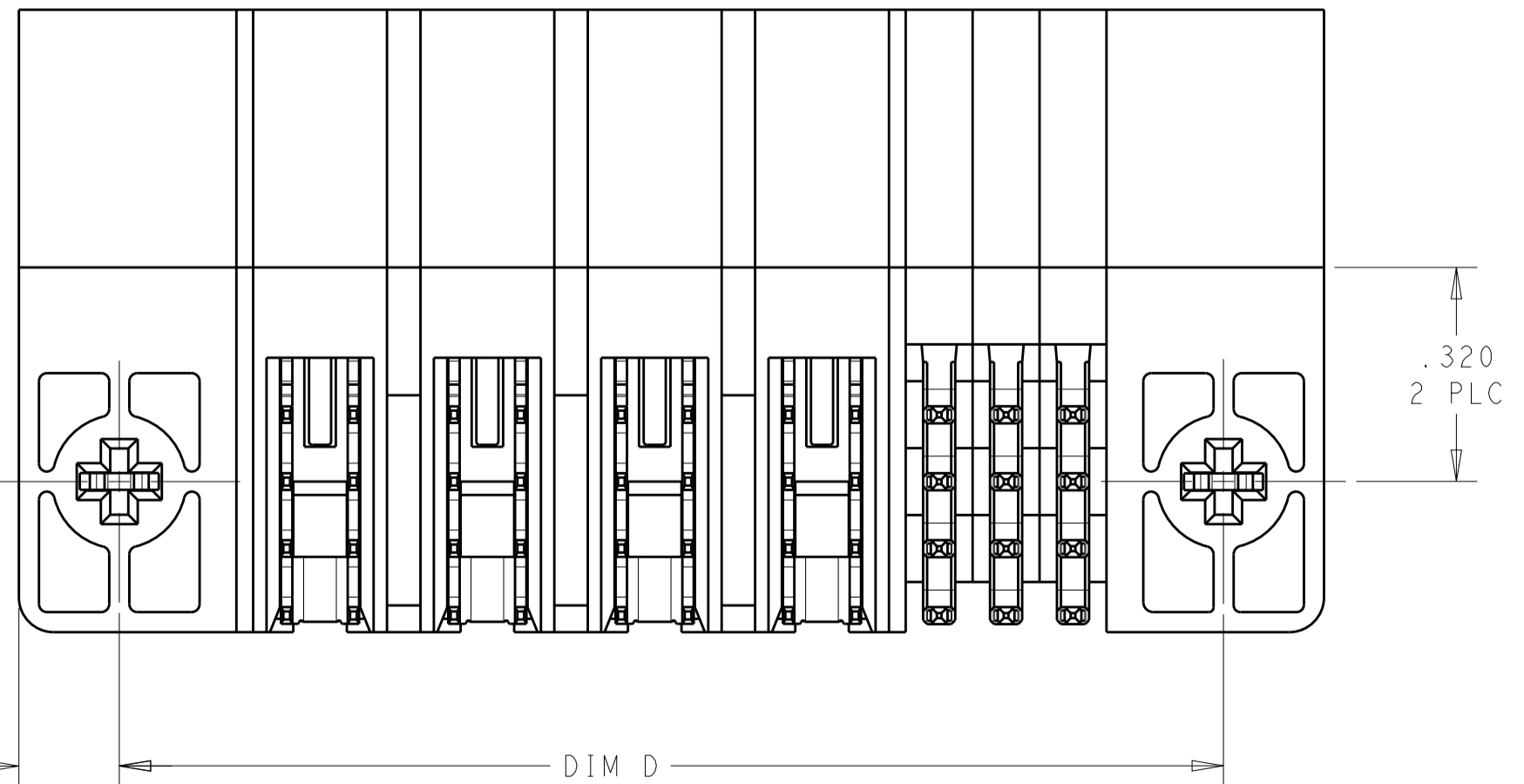
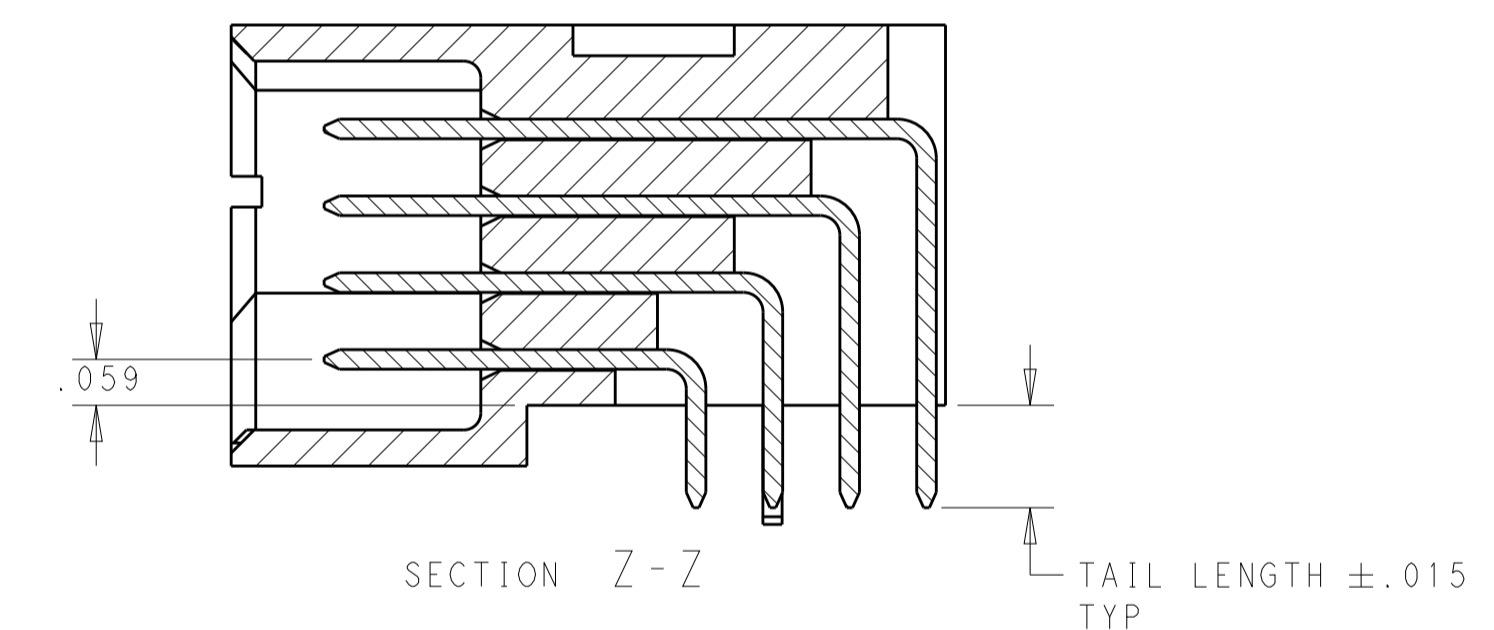
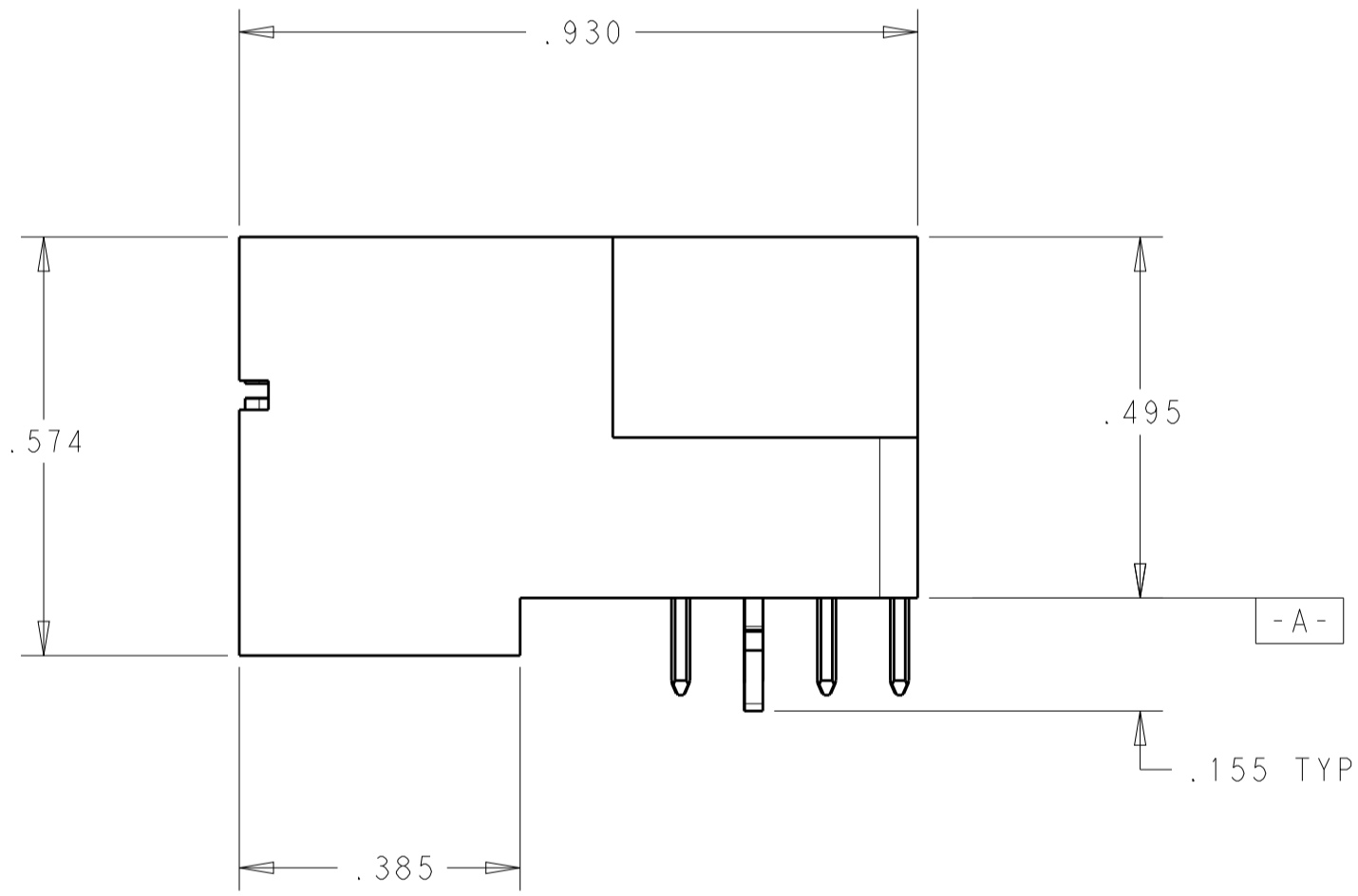
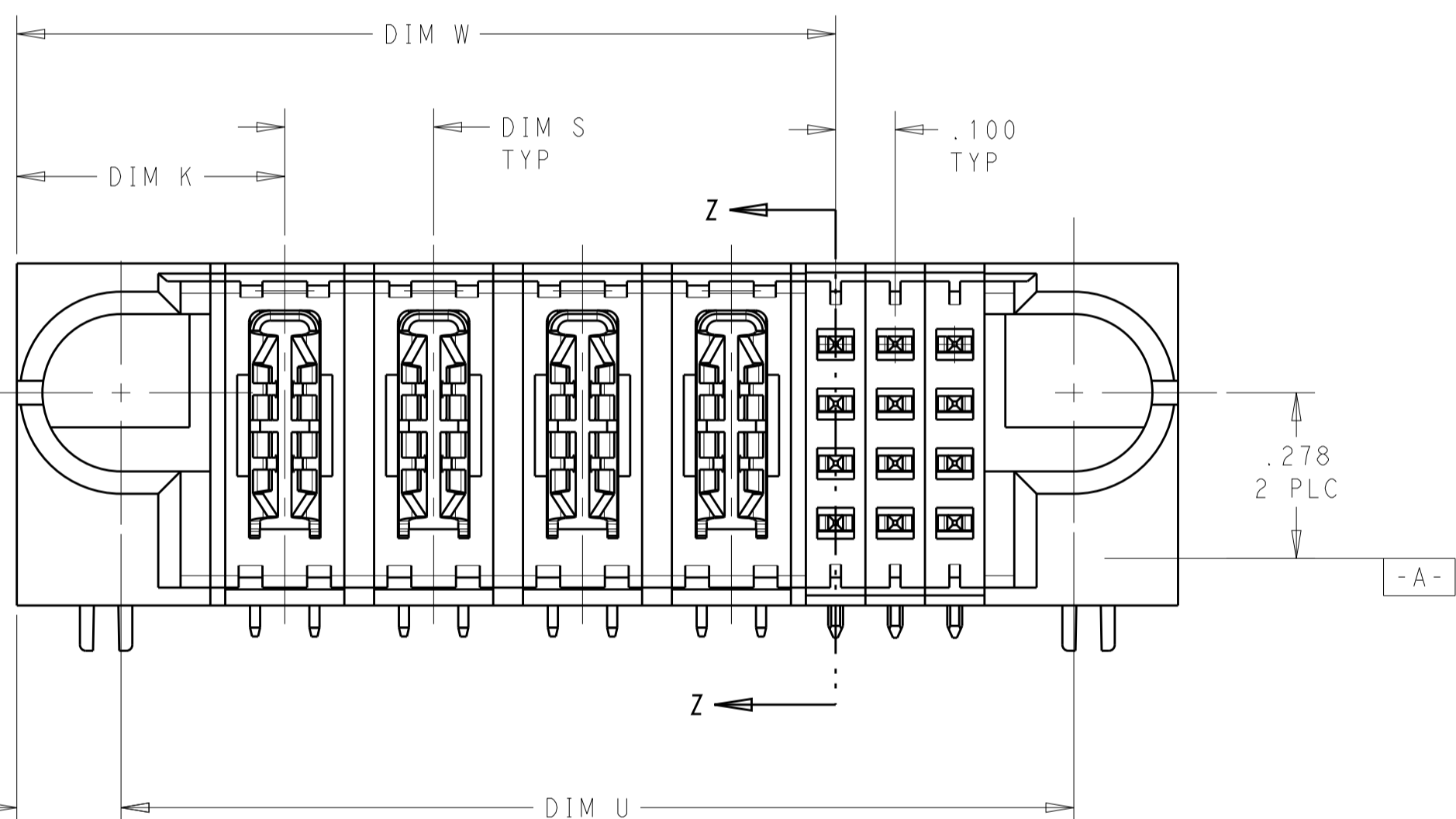
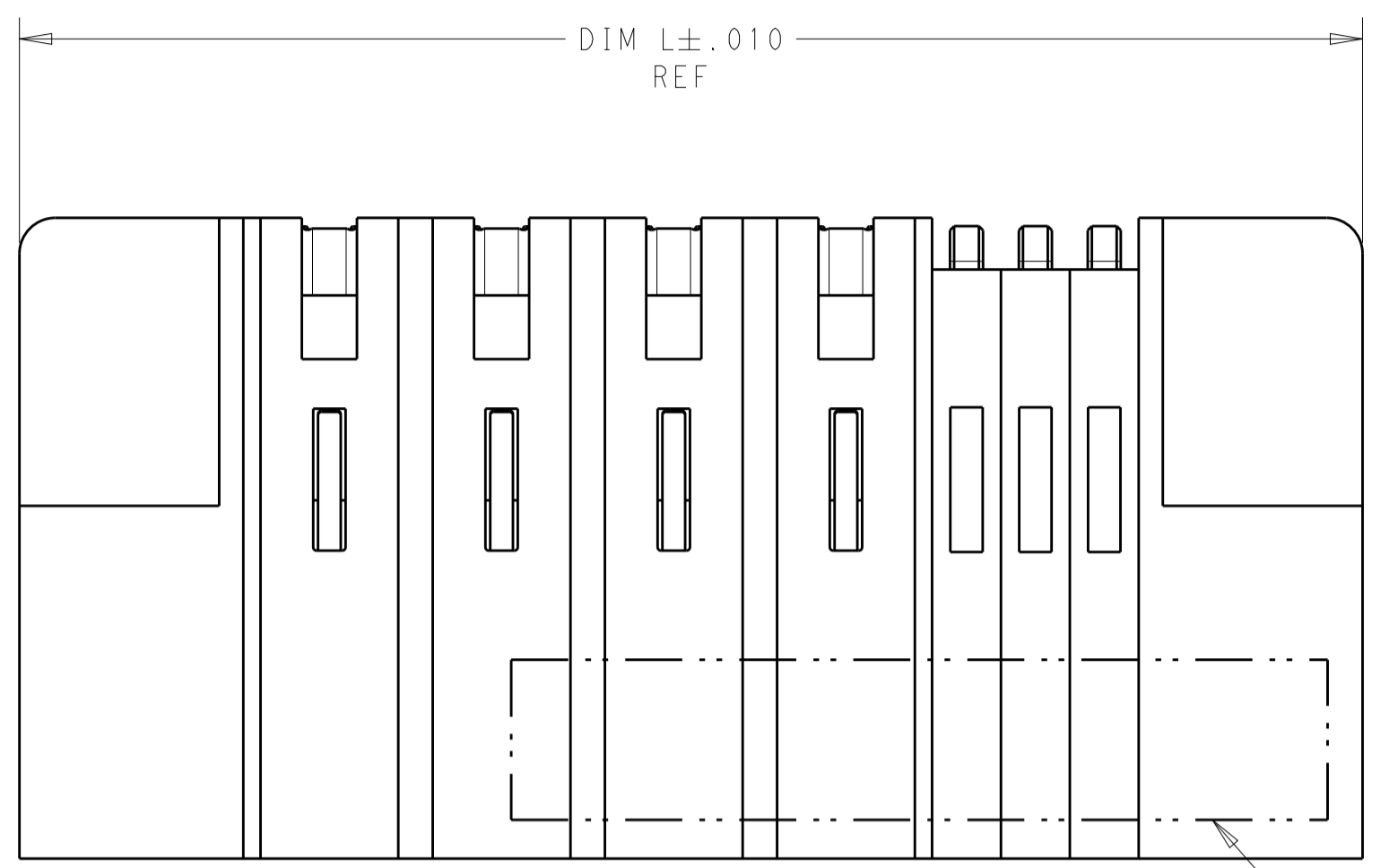


LOC		DIST		REVISIONS			
GP	00	REV	DATE	BY	CHK	APPV	
E		REV PER ECR-10-008270	16APR2010	IL	SY		
E1		ADDED THE DASH NUMBER -25	19MAR2012	ML	SZ		

- ① "AMP" TRADEMARK, PART NUMBER, AND DATE CODE TO BE MARKED IN AREA SHOWN.
- ② MATERIAL:  
HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, BLACK, UL94 V-0  
SIGNAL CONTACT - COPPER ALLOY  
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- ③ CONTACT PLATING: NOBLE METAL PLATING ON CONTACT FUNCTIONAL AREA OF POWER AND SIGNAL CONTACTS
- ④ MECHANICAL CONNECTOR KEEP OUT ZONE
- ⑤ DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER
- ⑥ PCB - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES
- ⑦ PCB - .0453+/- .0010 DRILLED HOLES PLATED WITH .0003 MIN Sn OVER .001 TO .003 PLATING TO ACHIEVE A .040 DIA HOLE
- ⑧ VARIABLE DIMENSION SHOWN ON TABLE.
- ⑨ NOT RELEASED FOR PRODUCTION.



	DIM U	DIM S	DIM W	DIM D	DIM K	DIM L	DESCRIPTION	PART NUMBER
⑧	3.575	.200	3.125	3.625	.450	3.925	5ACP+6HDP + 20S	2-6450132-5
⑧	2.950	.200	2.425	3.000	.450	3.300	10P + 24S	2-6450132-4
⑧	2.950	.200	2.425	3.000	.450	3.300	10P + 24S	2-6450132-3
⑧	3.350	.200	2.825	3.400	.450	3.700	12HDP + 24S	2-6450132-2
⑧	2.950	.200	2.425	3.000	.450	3.300	10P + 24S	2-6450132-1
⑧	2.150	.200	1.625	2.200	.450	2.500	6P + 24S	2-6450132-0
⑧	3.325	.200	2.800	3.375	.425	3.675	3ACP + 6P + 24S	1-6450132-9
⑧	2.075	.300	1.550	2.125	.475	2.425	4ACP + 24S	1-6450132-8
⑧	4.000	-	.375	4.050	-	4.350	148S	1-6450132-7
⑧	4.700	.250	3.925	4.750	.450	5.050	14P + 32S	1-6450132-5
⑧	2.825	.250	2.300	2.875	.475	3.175	3ACP + 4P + 24S	1-6450132-3
⑧	2.900	.250	2.375	2.950	.450	3.250	8P + 24S	1-6450132-2
⑧	2.250	.250	1.975	2.300	.475	2.600	6P + 12S	6450132-8
⑧	2.675	.250	2.125	2.725	.450	3.025	7P + 24S	6450132-7
⑧	1.100	-	.575	1.150	.425	1.450	1P + 24S	6450132-6
⑧	2.925	.250	2.375	2.975	.450	3.275	8P + 24S	6450132-5
⑧	4.600	.250	3.875	4.650	.450	4.950	14P + 32S	6450132-4
⑧	3.000	.250	2.375	3.050	.450	3.350	8P + 28S	6450132-3
⑧	1.600	.250	1.375	1.650	.450	1.950	4P + 12S	6450132-2
⑧	1.600	.250	1.375	1.650	.450	1.950	4P + 12S	6450132-1
	DIM U	DIM S	DIM W	DIM D	DIM K	DIM L	DESCRIPTION	PART NUMBER

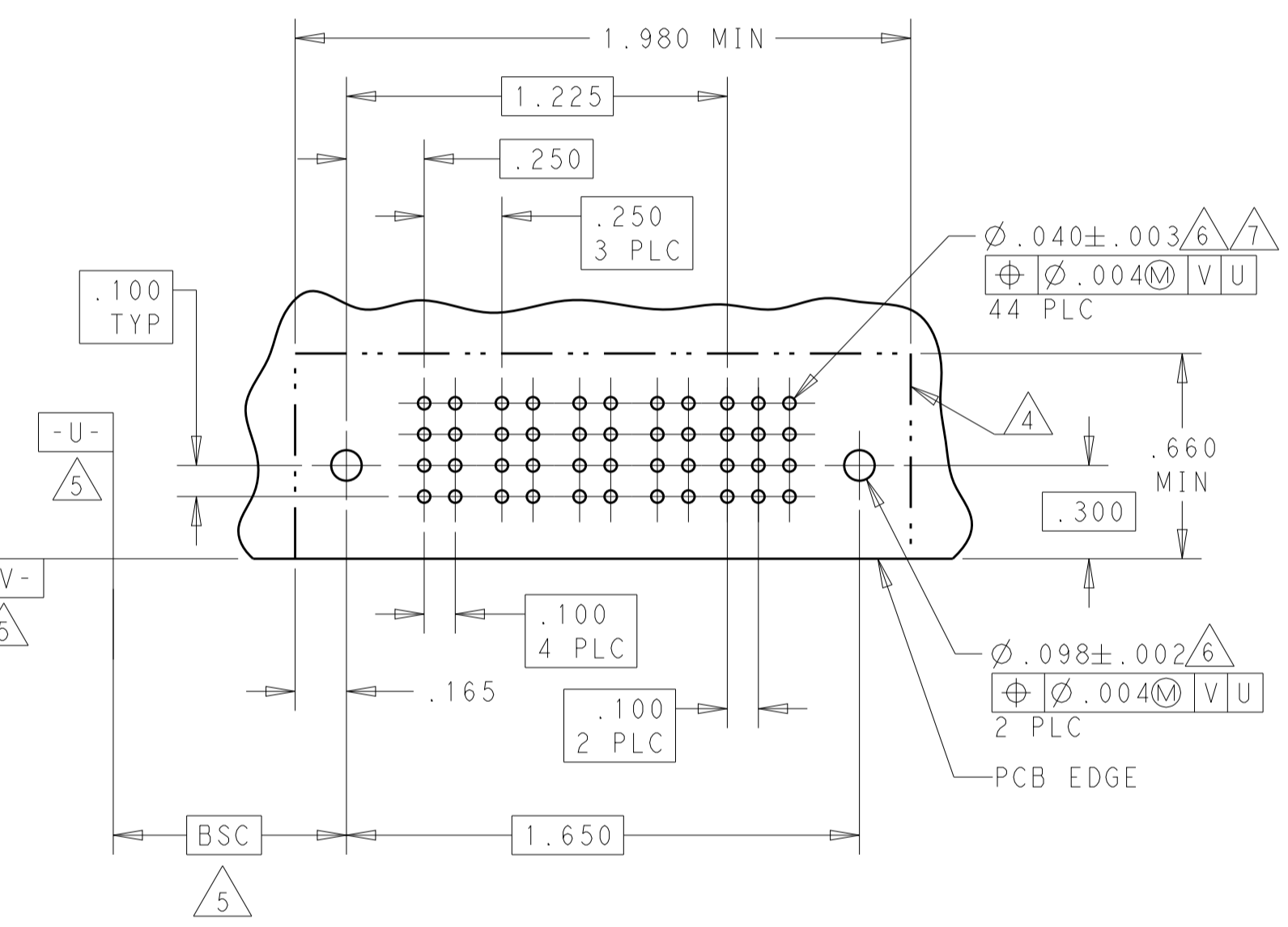
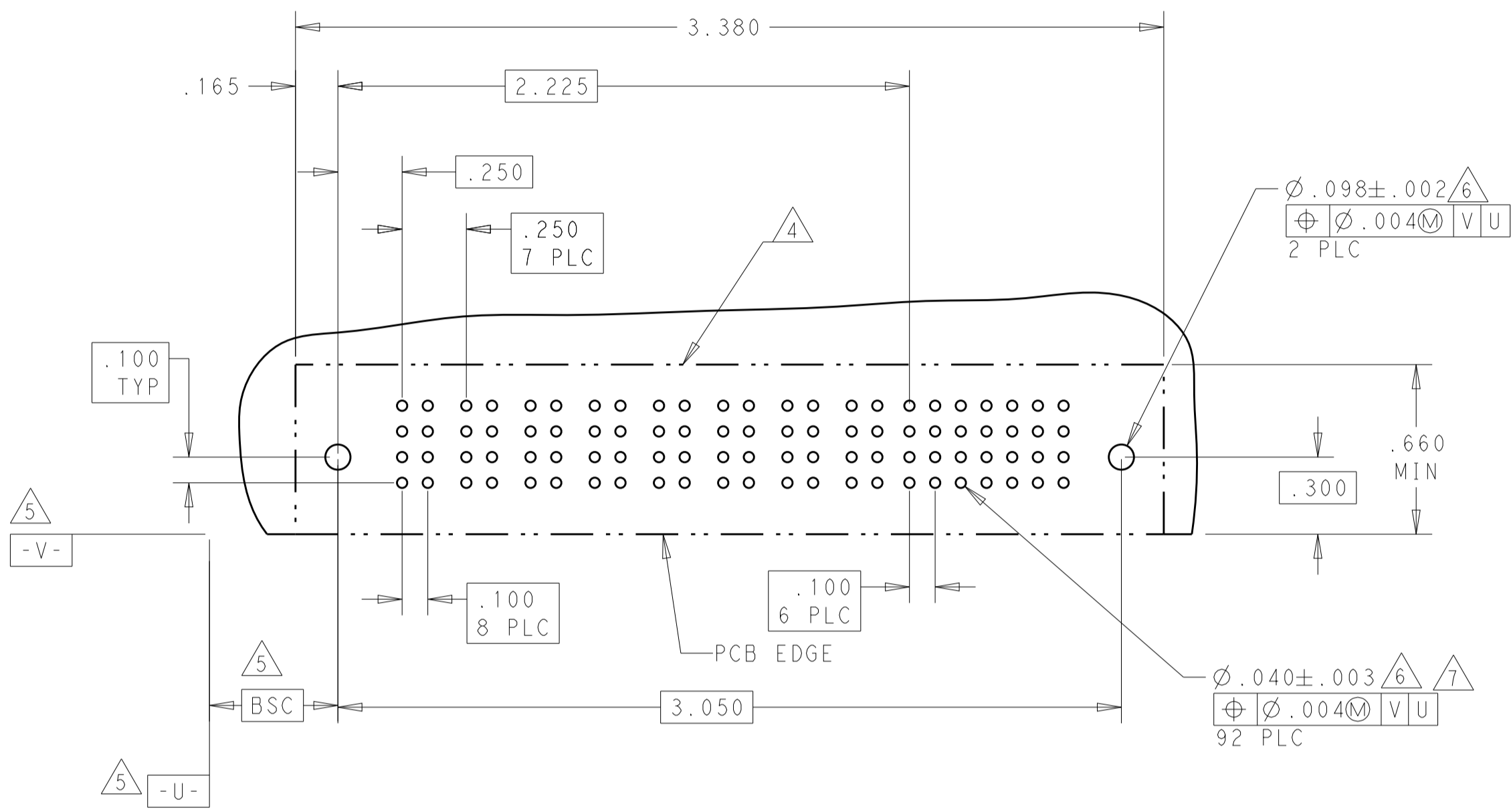
THIS DRAWING IS A CONTROLLED DOCUMENT. DWG: R.GRZYBOWSKI TOFEB05  
 CHK: M.PERCHEKKE TOFEB05  
 APVD: M.PERCHEKKE NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL  
 PRODUCT SPEC: 108-1973  
 APPLICATION SPEC: 114-13038  
 WEIGHT: -  
 MATERIAL: ② FINISH: ③  
 CUSTOMER DRAWING SCALE: 1:1 SHEET 1 OF 9 REV: E1

LOC	DIST	REVISIONS			
GP	00	REV	DATE	BY	APPD
-	-	SEE SHEET 1	-	-	-

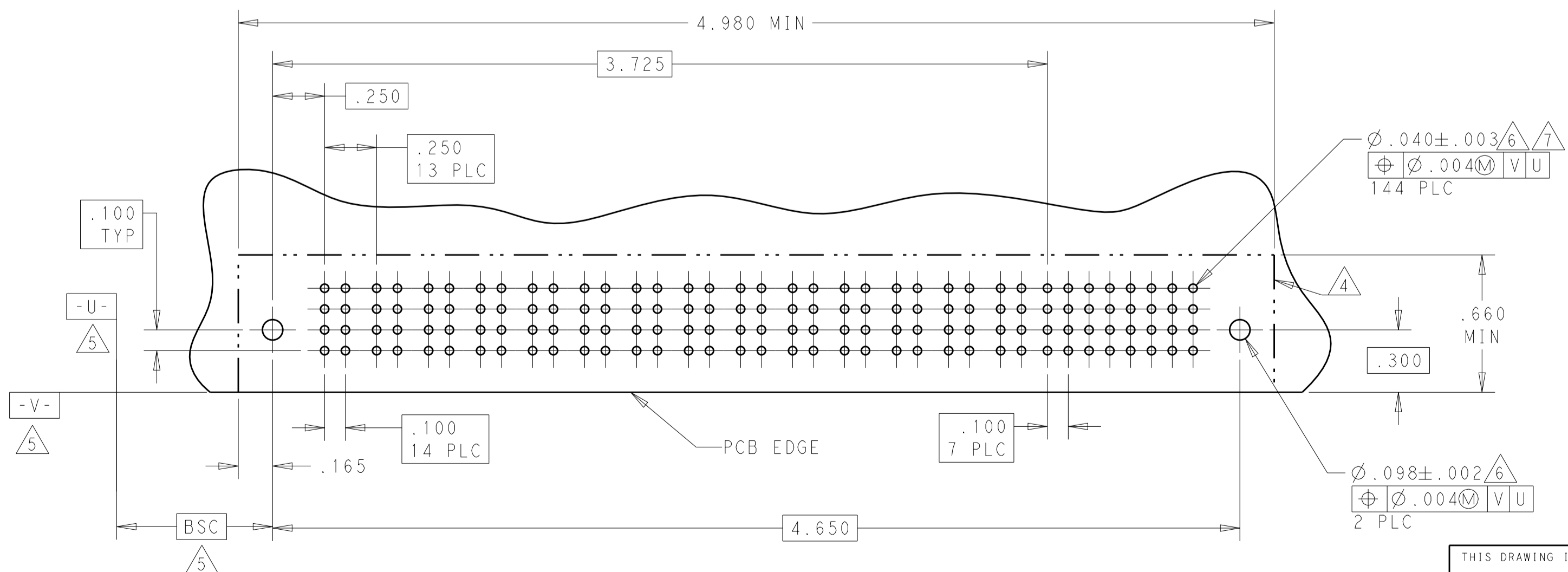
PART NUMBER	ROWS	POWER				SIGNAL		
		P1	P2	P3	P4	1	2	3
6450132-1	D C B A	PM	PM			J K N S	E F N S	J F N S
4P + 12S								

PART NUMBER	ROWS	POWER				SIGNAL		
		P1	P2	P3	P4	1	2	3
6450132-2	D C B A	PM	PM	PM	PM	J K N S	E F N S	J F N S
4P + 12S								

PART NUMBER	ROWS	POWER								SIGNAL						
		P1	P2	P3	P4	P5	P6	P7	P8	1	2	3	4	5	6	7
6450132-3	D C B A	PM	PM	PM	PM	PM	PM	PM	PM	E F G S	E F G S	E F G S	E F G S	E F G S	E F G S	E F G S
8P + 28S																



PART NUMBER	ROWS	POWER														SIGNAL								
		P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	1	2	3	4	5	6	7	8	
6450132-4	D C B A	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	J K N S	J K N S	J K N S	E F N S	J K N S	J K N S	J K N S	J K N S	
14P + 32S																								



CODE	MATING SEQUENCE	TAIL LENGTH	ROW
Z	STD	.090	D
Y	STD	.090	C
R	STD	.090	B
O	STD	.090	A
A4	MLBF	.090	D
A3	MLBF	.090	C
A2	MLBF	.090	B
A1	MLBF	.090	A
E	MLBF	.135	D
F	MLBF	.135	C
G	MLBF	.135	B
H	MLBF	.135	A
J	STD	.135	D
K	STD	.135	C
N	STD	.135	B
S	STD	.135	A

PA	.090
PM	.135
CODE	TAIL LENGTH
POWER CONTACT	

THIS DRAWING IS A CONTROLLED DOCUMENT.

OWN: R. GRZYBOWSKI, TOFEBO5  
CHK: M. PERCHERKE, TOFEBO5  
APVD: M. PERCHERKE

DIMENSIONS: INCHES  
TOLERANCES UNLESS OTHERWISE SPECIFIED:  
0 PLC ±.01  
1 PLC ±.01  
2 PLC ±.01  
3 PLC ±.005  
4 PLC ±.002  
ANGLES ±.020

MATERIAL: -  
FINISH: -

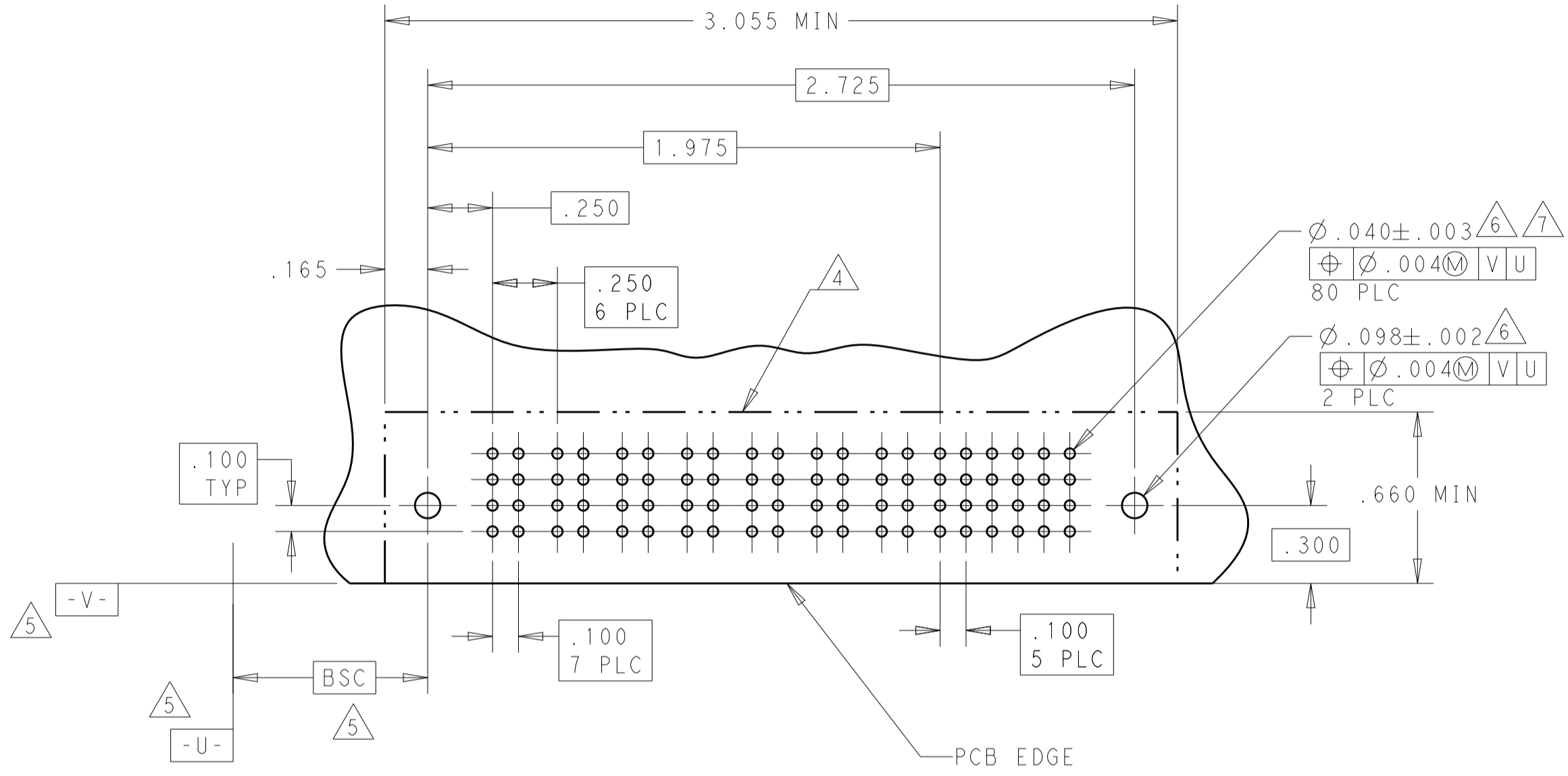
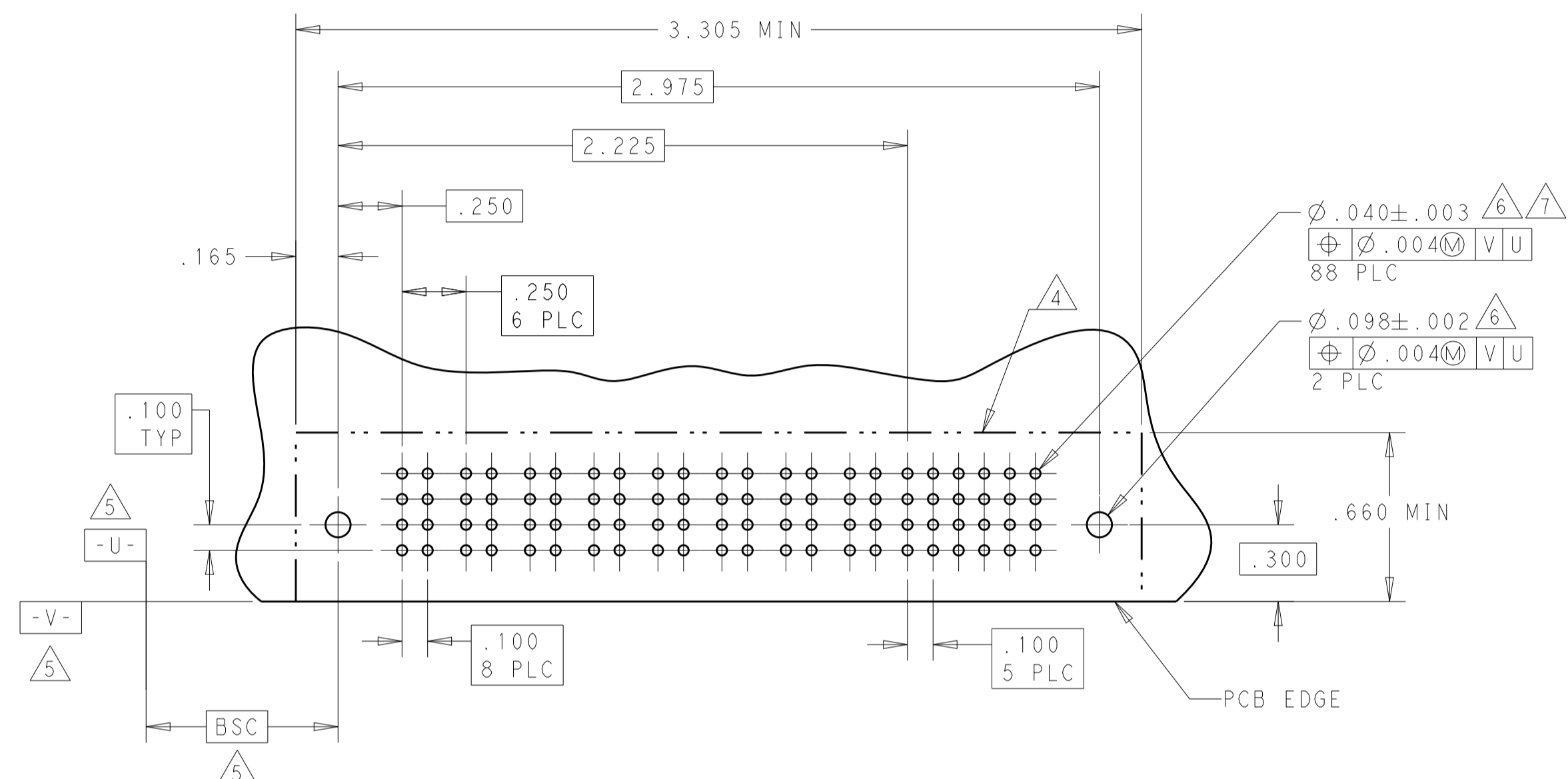
NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL  
PRODUCT SPEC: 108-1973  
APPLICATION SPEC: 114-13038  
WEIGHT: -  
CUSTOMER DRAWING

SCALE: 1:1  
SHEET: 2 OF 9  
REV: E1

LOC	DIST	REV	DATE	BY	APPV
GP	00				
		DESCRIPTION			
		SEE SHEET 1			

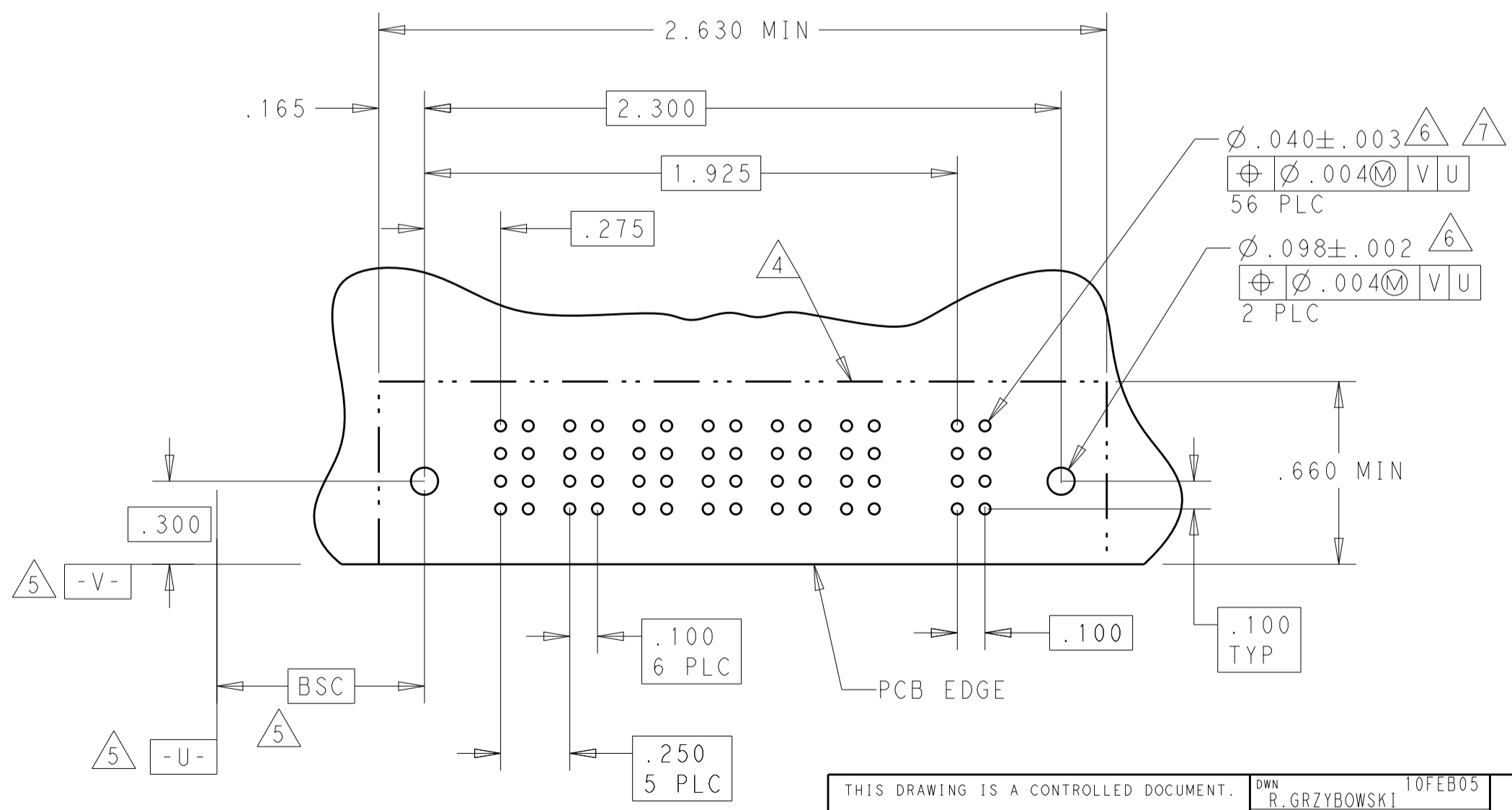
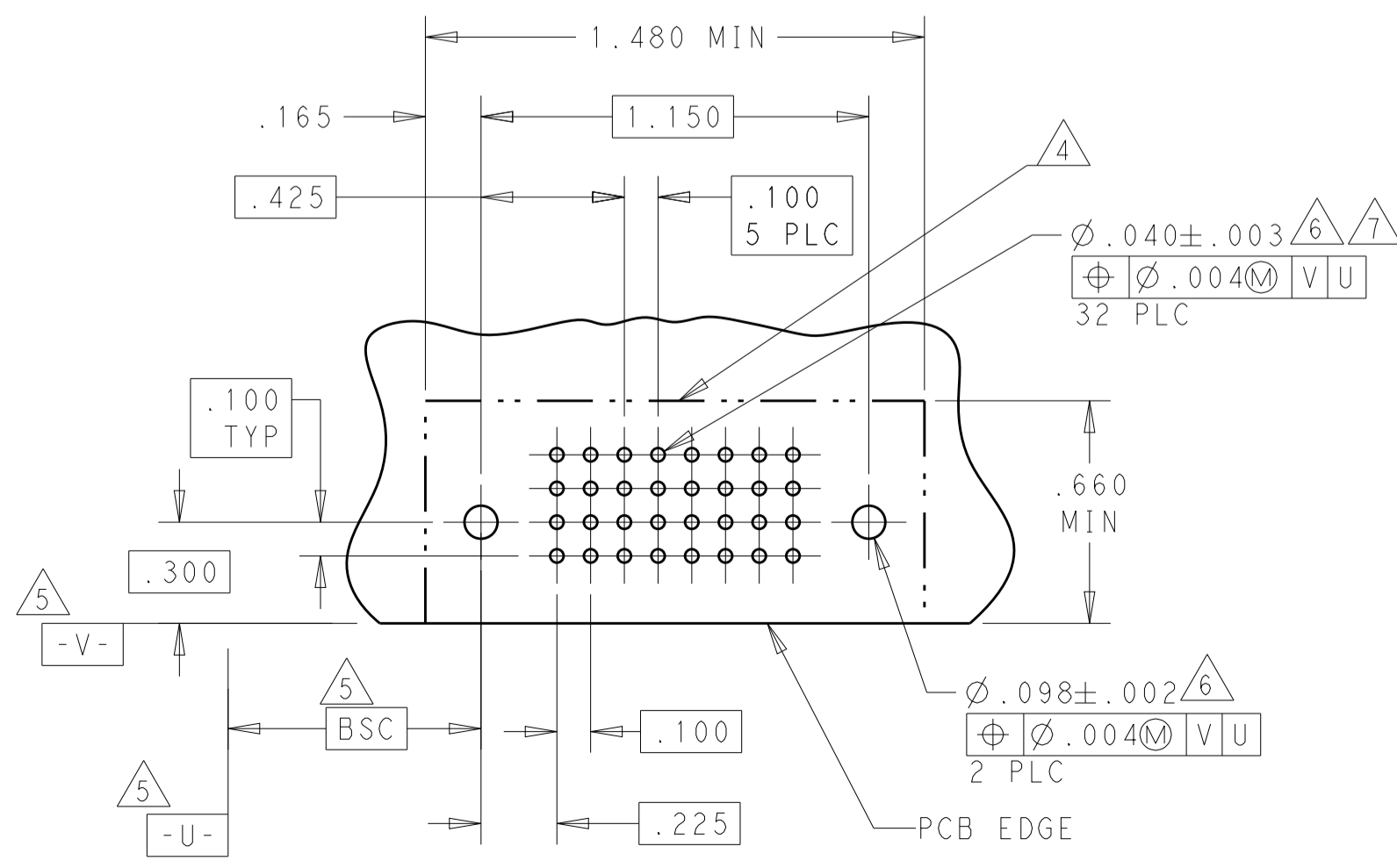
PART NUMBER	ROWS	POWER								SIGNAL					
		P1	P2	P3	P4	P5	P6	P7	P8	1	2	3	4	5	6
6450132-5	D C B A	PM	PM	PM	PM	PM	PM	PM	PM	J	J	J	J	E	E
										K	K	K	K	F	F
										N	N	N	N	G	G
										S	S	S	S	H	H
8P + 24S															

PART NUMBER	ROWS	POWER							SIGNAL					
		P1	P2	P3	P4	P5	P6	P7	1	2	3	4	5	6
6450132-7	D C B A	PM	PM	PM	PM	PM	PM	PM	J	J	E	J	J	J
									K	K	K	K	K	K
									N	N	N	N	N	N
									S	S	S	S	S	S
7P + 24S														



PART NUMBER	ROWS	POWER	SIGNAL					
		P1	1	2	3	4	5	6
6450132-6	D C B A	PM	E	E	E	E	E	J
			F	F	F	F	F	F
			G	G	G	G	G	G
			H	H	H	H	H	H
1P + 24S								

PART NUMBER	ROWS	POWER						SIGNAL		
		P1	P2	P3	P4	P5	P6	1	2	3
6450132-8	D C B A	PM	PM	PM	PM	PM	PM	E	E	
								F	F	
								G	G	
								H	H	
6P + 12S										



THIS DRAWING IS A CONTROLLED DOCUMENT. OWN: R. GRZYBOWSKI, TOFEB05, CHK: M. PERCHERKE, APVD: M. PERCHERKE. NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL. DIMENSIONS: INCHES. TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.01, 1 PLC ±.01, 2 PLC ±.01, 3 PLC ±.005, 4 PLC ±.005, ANGLES ±.0020. MATERIAL: FINISH: WEIGHT: 114-13038. CUSTOMER DRAWING: A100779C=6450132. SCALE: 1:1. SHEET 3 OF 9. REV: E1.

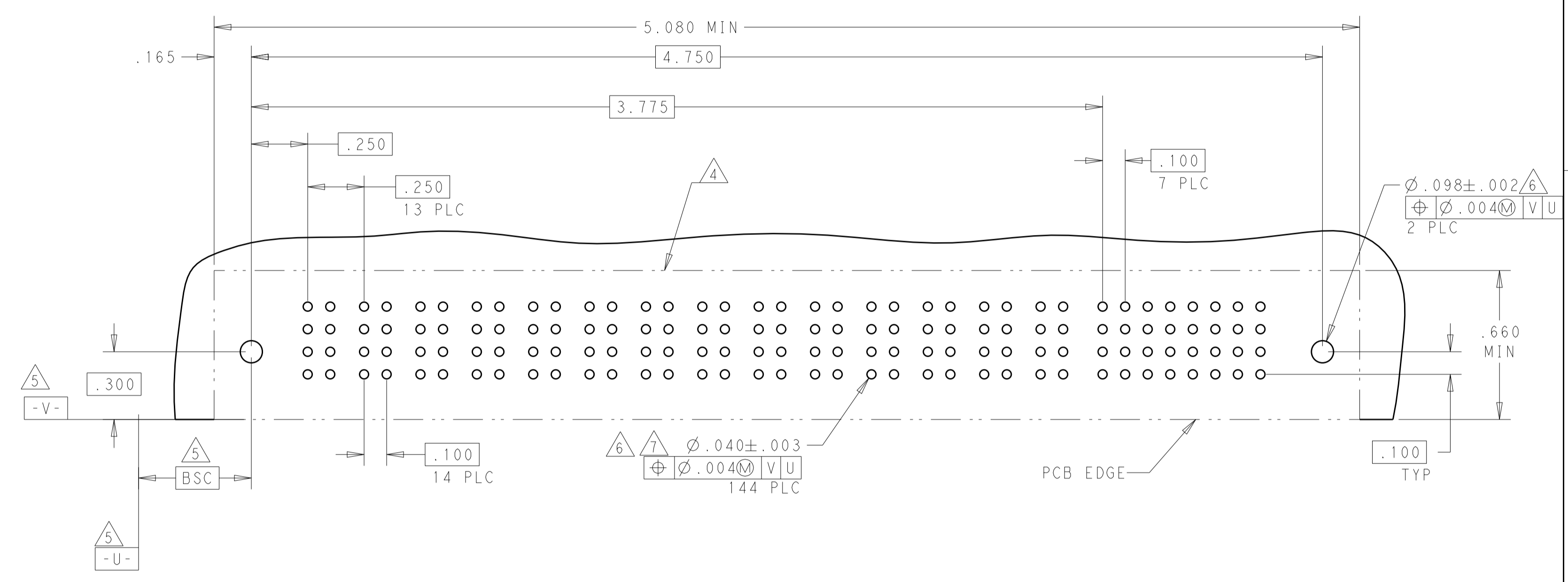
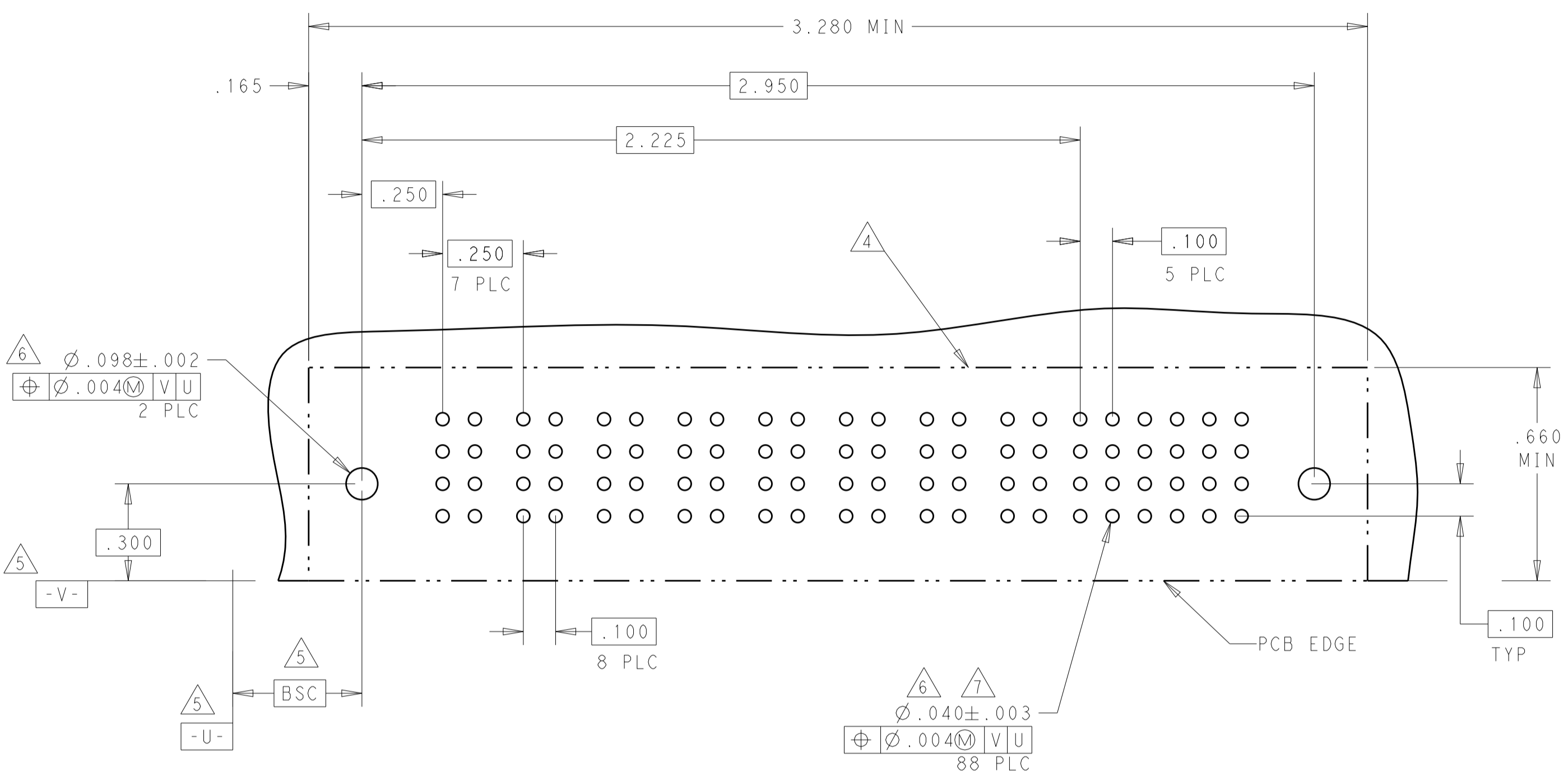
LOC	DIST	REV	DATE	BY	APPV
GP	00				

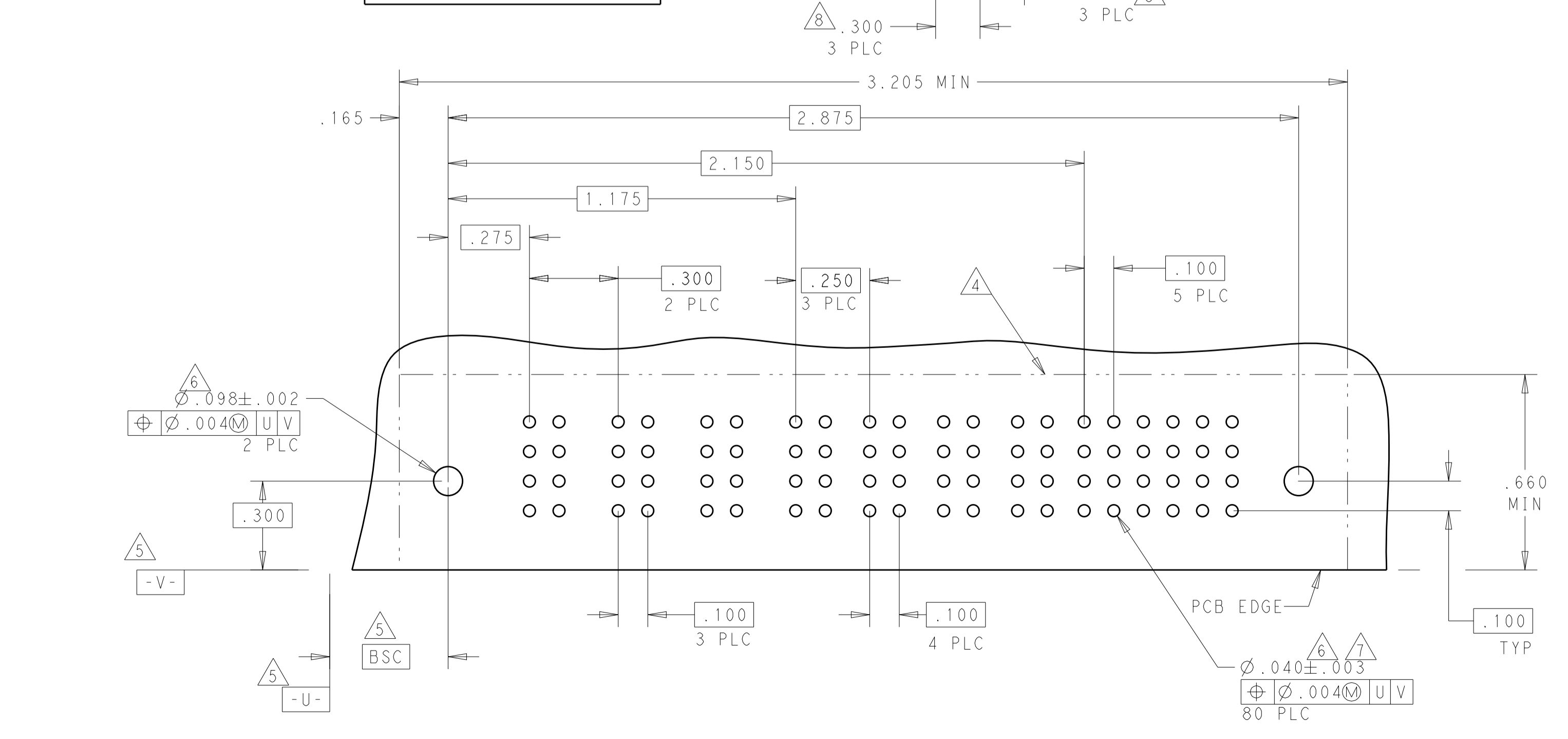
REVISIONS		DATE	BY	APPV
1	SEE SHEET 1			

PART NUMBER	ROWS	POWER								SIGNAL					
		P1	P2	P3	P4	P5	P6	P7	P8	1	2	3	4	5	6
1-6450132-2	D C B A	PM	PM	PM	PM	PM	PM	PM	PM	J	J	J	J	E	E
		PM	PM	PM	PM	PM	PM	PM	PM	K	K	K	K	F	F
		PM	PM	PM	PM	PM	PM	PM	PM	N	N	N	N	G	G
		PM	PM	PM	PM	PM	PM	PM	PM	S	S	S	S	H	H
8P + 24S															

PART NUMBER	ROWS	POWER														SIGNAL							
		P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	1	2	3	4	5	6	7	8
1-6450132-5	D C B A	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	E	J	J	J	E	J	J	J
		PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	F	K	K	K	F	K	K	K
		PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	N	N	N	N	N	N	N	N
		PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	S	S	S	S	S	S	S	S
14P + 32S																							



PART NUMBER	ROWS	POWER							SIGNAL						
		P1	P2	P3	P4	P5	P6	P7	1	2	3	4	5	6	
1-6450132-3	D C B A	PM	PM	PM	PM	PM	PM	PM	J	J	J	J	J	E	
		PM	PM	PM	PM	PM	PM	PM	K	K	K	F	K	F	
		PM	PM	PM	PM	PM	PM	PM	N	G	N	N	N	G	
		PM	PM	PM	PM	PM	PM	PM	S	H	S	S	S	H	
3ACP + 4P + 24S															



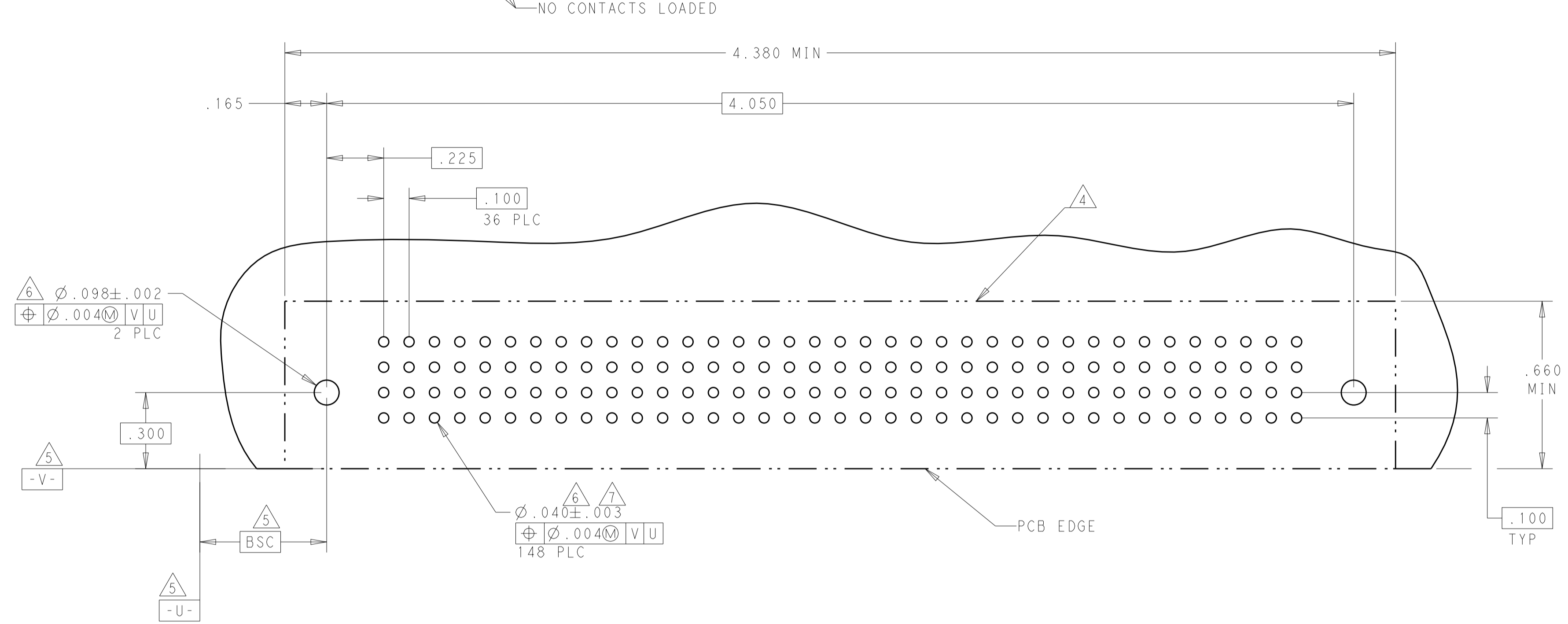
THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2°	OWN: R. GRZYBOWSKI CHK: M. PERCHERKE APVD: M. PERCHERKE	TOFEB05 TOFEB05		TE Connectivity
MATERIAL	FINISH	PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT	NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL SIZE: A100779 CAGE CODE: C=6450132		RESTRICTED TO

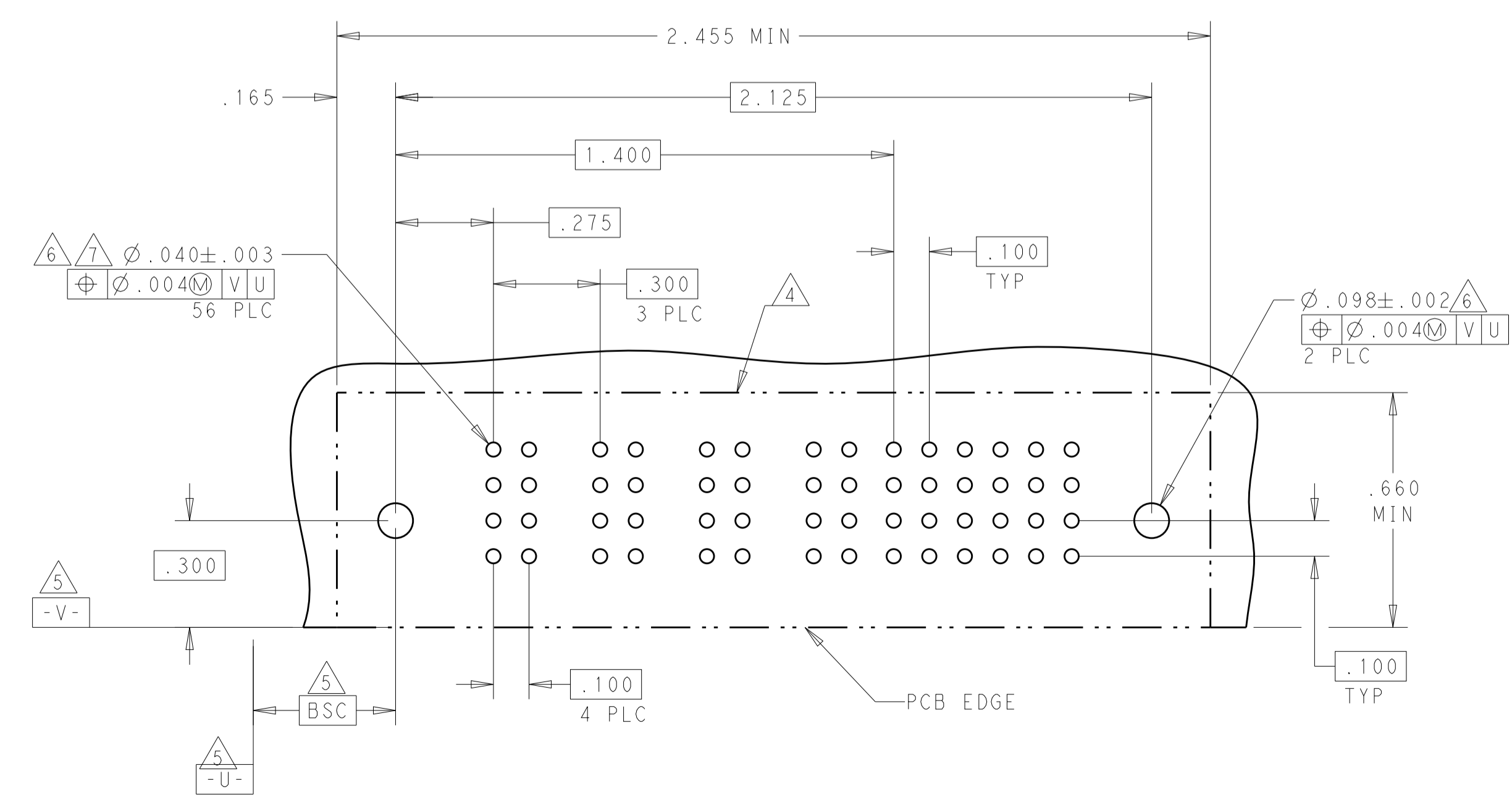
CUSTOMER DRAWING

LOC	DIST	REVISIONS					
GP	00	P	LTN	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1			

PART NUMBER	ROWS	SIGNAL																		SIGNAL																					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37			
I-6450132-7	D				J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J		
	C				K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K		
	B				N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	
	A				S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S		
148S		HD																																						HD	



PART NUMBER	ROWS	POWER				SIGNAL											
		P1	P2	P3	P4	1	2	3	4	5	6						
I-6450132-8	D					E	J	J	J	J	J						
	C					K	K	K	K	K	K						
	B					N	N	N	N	N	N						
	A					S	S	S	S	S	H						
4ACP + 24S		HD														HD	



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN: R. GRZYBOWSKI CHK: M. PERCHERKE APVD: M. PERCHERKE	10FEB05 10FEB05	 TE Connectivity	NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL
	0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2°	PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: -	SIZE: A1 CAGE CODE: 100779 DRAWING NO: C=6450132		RESTRICTED TO: -
MATERIAL: -	FINISH: -	CUSTOMER DRAWING		SCALE: 1:1	SHEET 5 OF 9

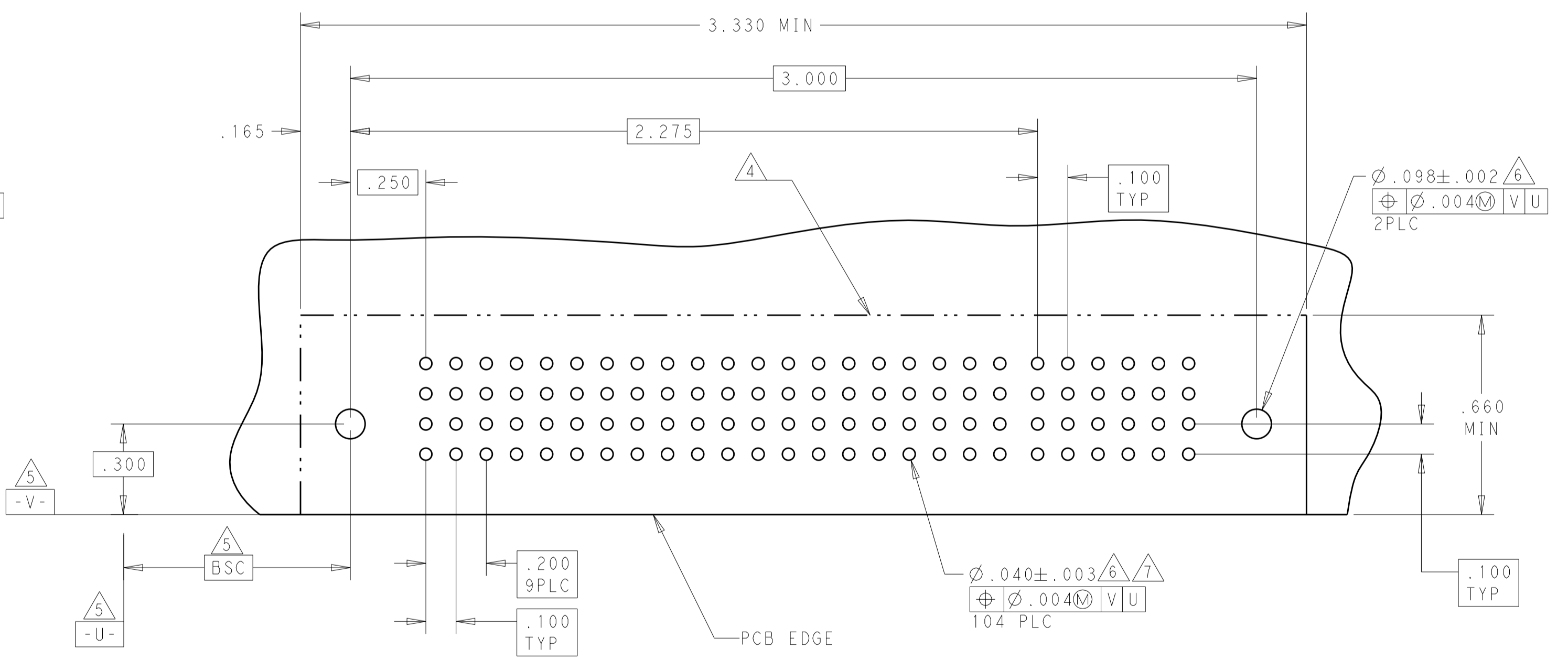
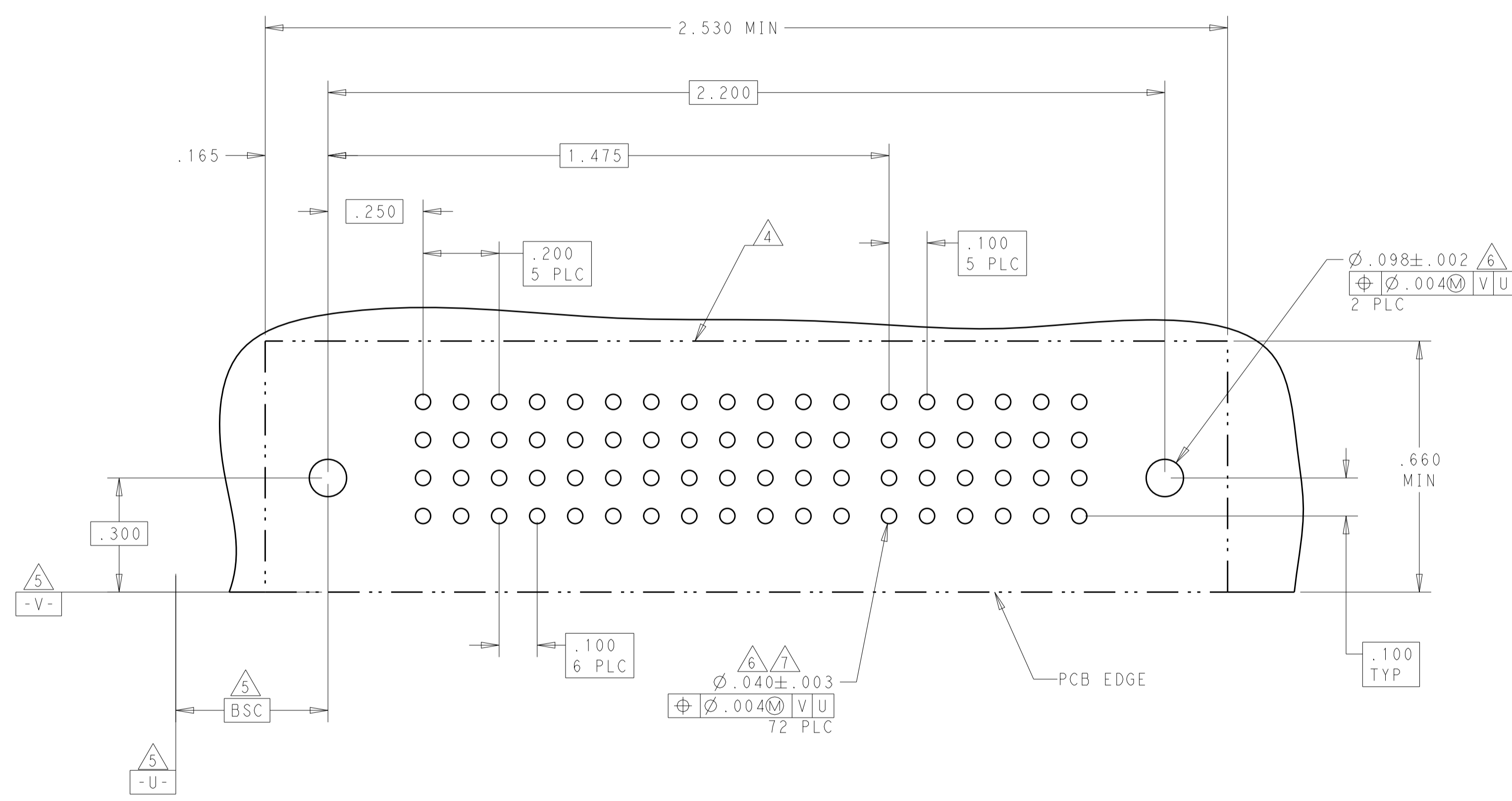


LOC		DIST		REVISONS			
GP	00	P	LTN	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1			

PART NUMBER	ROWS	POWER						SIGNAL						
		P1	P2	P3	P4	P5	P6	1	2	3	4	5	6	
2-6450132-0	D C B A	PM	PM	PM	PM	PM	PM	J	J	J	J	J	J	HD
								K	K	K	K	K	K	
								N	N	N	N	N	N	
								H	H	H	H	H	H	HD
6P + 24S														

PART NUMBER	ROWS	POWER										SIGNAL						
		P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	1	2	3	4	5	6	
2-6450132-1	D C B A	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	J	E	J	J	J	E	HD
												K	F	K	K	K	F	
												N	N	N	N	N	G	
												S	S	S	S	S	H	HD
10P + 24S																		

PART NUMBER	ROWS	POWER										SIGNAL						
		P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	1	2	3	4	5	6	
2-6450132-3	D C B A	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	J	E	J	J	J	J	HD
												K	F	K	K	K	K	
												N	N	N	N	N	N	
												S	S	S	S	S	S	HD
10P + 24S																		



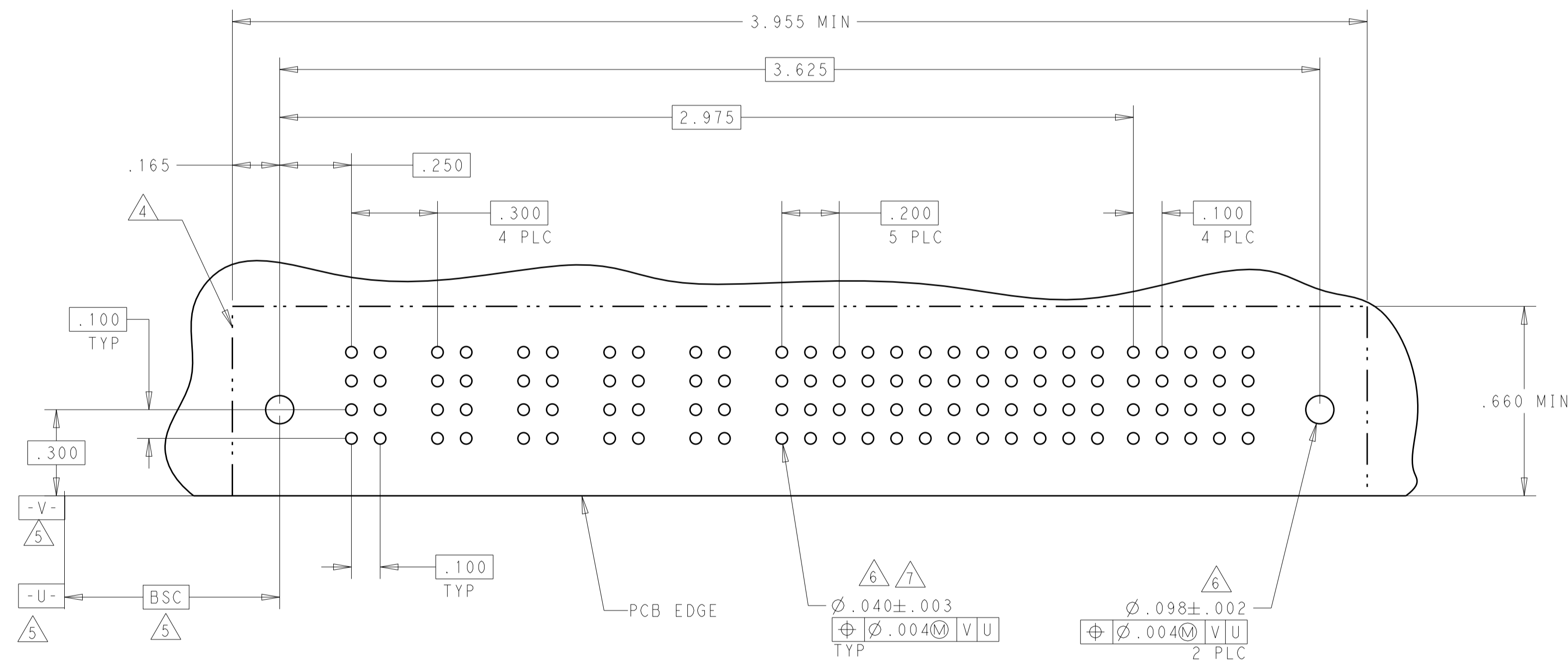
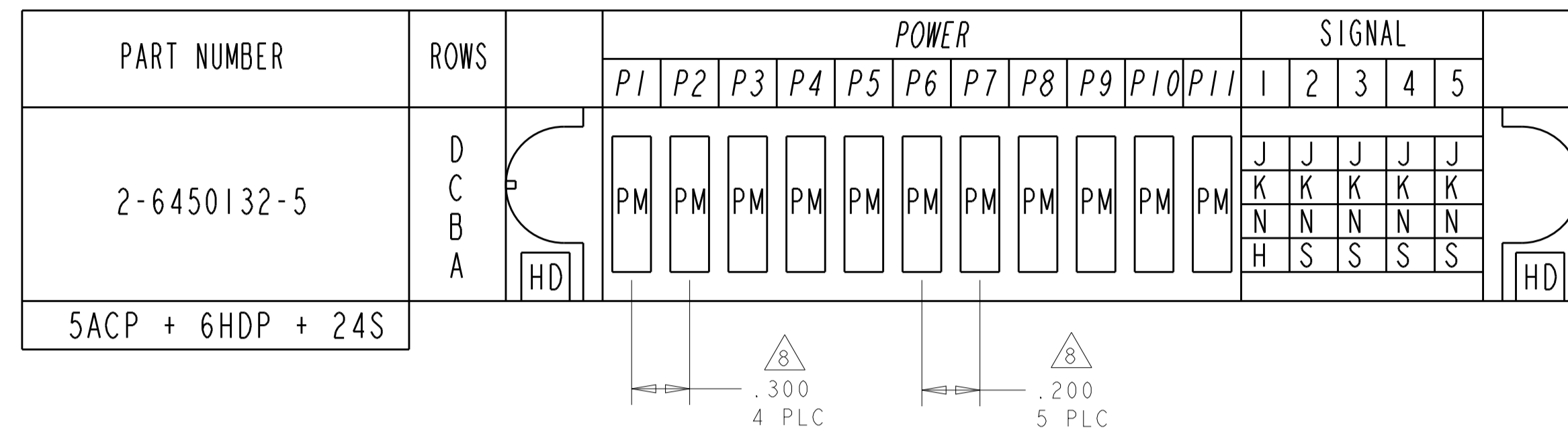
2-6450132-1 AND 2-6450132-3 PCB LAYOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: R. GRZYBOWSKI CHK: M. PERCHERKE APVD: M. PERCHERKE	10FEB05 10FEB05	 TE Connectivity
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL	PRODUCT SPEC: 108-1973	
		APPLICATION SPEC: 114-13038	RESTRICTED TO:	
MATERIAL:	FINISH:	WEIGHT:	SCALE: 1:1	
CUSTOMER DRAWING		SIZE: A1	SHEET 7 OF 9	





LOC	DIST	REVISIONS					
		P	LTN	DESCRIPTION	DATE	DMN	APVD
GP	00	-	-	SEE SHEET 1	-	-	-



THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: R.GRZYBOWSKI CHK: M.PERCHEKKE APVD: M.PERCHEKKE	10FEB05 10FEB05	TE Connectivity <b>RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL</b>
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC: 108-1973	APPLICATION SPEC: 114-13038	
MATERIAL: -	FINISH: -	WEIGHT: -	SIZE: A100779	RESTRICTED TO: -
CUSTOMER DRAWING			SCALE: 1:1	SHEET 9 of 9